

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	37104	digital near3 (tv television)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 09:54
L2	67	1 and (adc (a/d adj3 converter)) and (carrier adj2 recovery) and (resampl\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 09:56
L3	8	2 and (symbol adj2 clock adj2 recovery)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 11:57
L4	0	3 and 375/226.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 12:00
L5	2	3 and 375/326.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 12:00
S1	66380	jun.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 09:53
S2	114266	(jun, jung).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/26 13:47
S3	1123	(jun and jung).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/26 13:47
S4	16	(jun and jung).in. and (digital adj2 TV)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/26 13:52
S5	25068	(digital adj3 (tv television))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/26 13:53
S6	347	S5 and ((adc A/D (analog adj2 digital)) and (carrier near2 (recovery recover)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/26 13:54

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S7	36	S6 and (symbol adj2 clock adj2 recovery)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/26 13:55
S8	36	S7 and receiver	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/26 14:25
S9	31	S8 and ((absolute adj2 value) (square squarer multiply multiplier))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/26 14:53

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	7826	(jun kim).in. and ("digital tv" receiver)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 09:52
S2	224	(jun and kim).in. and ("digital tv" receiver)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/15 16:59
S3	7366	(jung sig jun and tok kim).in. and ("digital tv" receiver)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/15 16:59
S4	0	("jung sig jun" and "tok kim").in. and ("digital tv" receiver)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/15 17:00
S5	0	("jung sig jun" and "tok kim").in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/15 17:00
S6	0	(jung adj sig adj jun and tok adj kim).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/15 17:00
S7	4262	(jun and kim).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/15 17:05
S8	26	(adc (analog adj2 digital adj convert\$2)) and (carrier adj recover\$2) and (symbol adj clock adj recover\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/19 12:24
S9	25	S8 and receiver	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/15 17:21
S10	21	S9 and @ad<="20030204"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/19 12:25
S11	8	S10 and qam	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/15 17:21

## EAST Search History

S12	276	(adc (analog adj2 digital adj convert\$2)) and (carrier adj recover\$2) and (((symbol adj clock) timing) adj recover\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/15 17:21
S13	264	S12 and receiver	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/15 17:21
S14	247	S13 and @ad<="20030204"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/15 17:21
S15	175	S14 and qam	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/15 17:22
S16	51	S15 and (digital adj (television tv))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/15 17:23
S17	21	S16 and (vsb adj (modulate modulation))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/18 11:58
S18	276	(adc (analog adj2 digital adj convert\$2)) and (carrier adj recover\$2) and (((symbol adj clock) timing) adj recover\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/18 11:59
S19	264	S18 and receiver	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/18 11:59
S20	247	S19 and @ad<="20030204"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/18 11:59
S21	175	S20 and qam	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/18 11:59
S22	51	S21 and (digital adj (television tv))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/18 11:59
S23	21	S22 and (vsb adj (modulate modulation))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/18 13:20

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S24	0	S23 and (qam adj convert\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/29 11:29
S25	18	S23 and (add\$3 and squar\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/18 14:24
S26	187	(jun kim).in. and ("digital tv" and receiver)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/18 15:39
S27	14	S26 and (tok (jung adj sig))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/18 15:49
S28	276	(adc (analog adj2 digital adj convert\$2)) and (carrier adj recover\$2) and (((symbol adj clock) timing) adj recover\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/19 12:25
S29	259	S28 and @ad<="20030204"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/19 12:25
S30	176	S29 and receiver and (OQAM QAM)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/19 12:26
S31	0	S30 and ((high adj pass adj band adj filter\$3) near4 (OQAM QAM))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/19 12:27
S32	0	S30 and ((high adj pass adj2 band adj filter\$3) near4 (OQAM QAM))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/19 12:27
S33	0	S30 and ((high adj passband adj filter\$3) near4 (OQAM QAM))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/19 12:27
S34	0	S30 and ((high adj passband adj filter\$3) near7 (OQAM QAM))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/19 12:28
S35	0	S30 and (high adj passband adj filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/19 12:28

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S36	65	S30 and vsb	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/19 12:34
S37	7	S36 and (tim\$3 adj2 error adj2 detect\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/19 12:29
S38	276	(adc (analog adj2 digital adj convert\$2)) and (carrier adj recover\$2) and (((symbol adj clock) timing) adj recover\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/20 13:39
S39	259	S38 and @ad<="20030204"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/20 13:39
S40	176	S39 and receiver and (OQAM QAM)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/20 13:39
S41	65	S40 and vsb	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/20 13:39
S42	38	S41 and "digital receiver"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/20 13:39
S43	12	(qam adj convert\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/29 11:36
S44	16	(qam adj convert\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/29 11:36
S45	0	S44 and oqam	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/29 11:37
S46	3	S44 and (digital adj (television Tv))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/29 11:38
S47	22141	digital adj3 receiver	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/23 14:35

## EAST Search History

S48	242217	adc (analog adj2 digital adj2 converter) (a adj2 d adj2 converter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/23 14:35
S49	5491	S47 and S48	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/23 14:36
S50	441	S49 and ((carrier adj2 recovery) (passband near5 baseband))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/23 14:36
S51	41	S50 and (symbol adj2 clock adj2 recovery)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/23 14:38
S52	5	S51 and (oqam (offset adj2 qam))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/23 14:39
S53	262	375/240.28.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/23 15:28
S54	88	348/194.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/23 15:28
S55	594	375/326.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/23 15:29
S57	20	S55 and ((symbol adj2 clock) same (square\$2 multipl\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/23 15:30
S58	0	S54 and ((symbol adj2 clock) same (square\$2 multipl\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/23 15:30
S59	2	S53 and ((symbol adj2 clock) same (square\$2 multipl\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/23 15:30
S60	597	375/326.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/01 14:41

## EAST Search History

S61	74	S60 and (symbol adj2 clock) and (square\$2 multipl\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/01 14:41
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